

\* 10' \* \* 12' \* 85' \* 12' \* \* 10' \*



 High volume, important north/south travel corridor •6 lanes with median, south of RR overpass 4-6 lanes without median north of overpass

 Strengthen "boulevard" image by extending landscape median to Ludlow Loss of 1 southbound lane from Stout south to overpass Improved pedestrian crossings at major intersections Enhanced landscape & streetscape elements at edge of ROW to create "Gateway"

. Pedestrian crossings occurring at unmarked locations

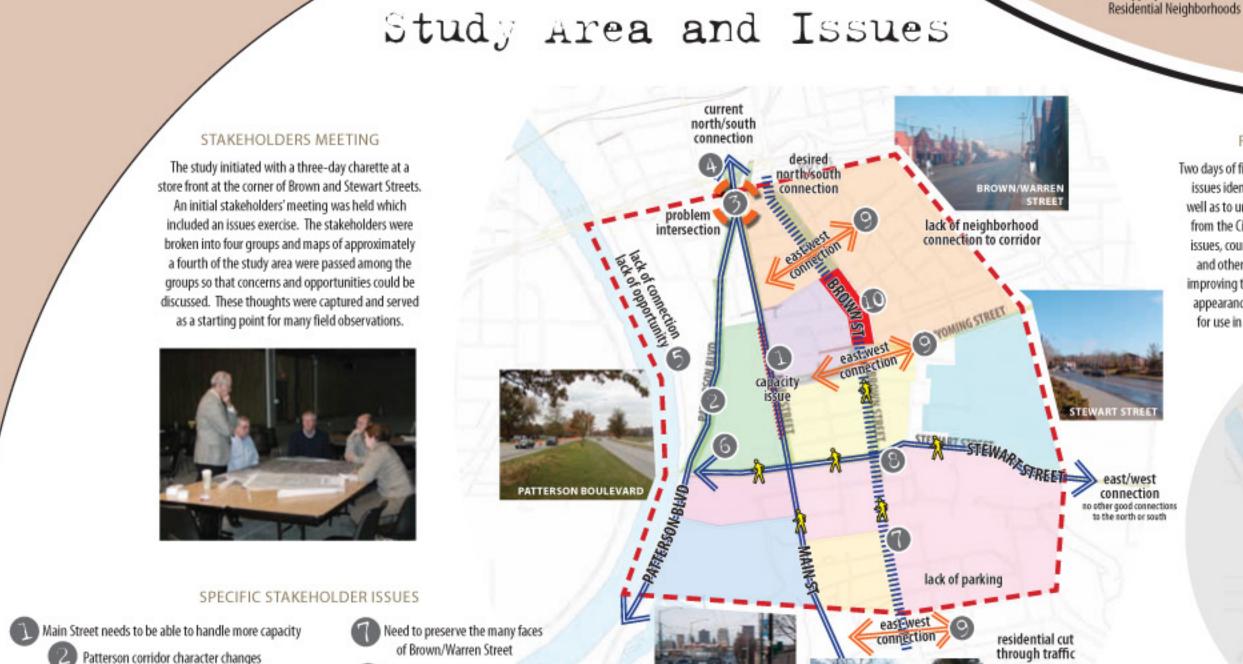


 Important mixed use corridor linking varying users and neighborhoods 4 lanes (2 travel lanes with intermittent on-street parking) Heavy transit use

 High volumes of pedestrian traffic No bicycle provisions



 "Road Diet" to 3 lanes allows for better turning movements Dedicated bicycle lanes to provide for north/south commuter bike route Improved pedestrian crossings at major intersections and key mid-blocks Loss of on-street parking requires improvement to off-street parking options Enhanced landscape & streetscape elements at edge of ROW to create "Gateway"



Adopted by City Plan Board November 17, 2009

Adopted by City Commission May 5, 2010; Resolution #5749-10

Multi-use path does not extend

Need more defined east/west connections

east beyond Brown Street

while minimizing residential cut-through traffic

Brown/Warren Street north of Wyoming

suffers from lack of visual character and

numerous access management issues

High volume of pedestrians and jaywalking

drastically north of Stewart Street

intersection of Patterson and Main

with underbelly of US-35

Lack of striping causes confusion at

No feeling of gateway, greeted

The riverfront could potentially be a great

source of opportunity, but it lacks connections

Railroad bridge could be utilized as pedestrian/bicycle connection

FIELD REVIEW RELATED PLANS Two days of field reviews were used to verify UD Campus Master Plan issues identified by the stakeholders as Miami Valley Hospital Campus Master Plan well as to understand crash data received Rubicon Park Master Plan from the City. Possible solutions to the issues, countermeasures for the crashes Southeast Bikeway Connector (MVRPC) and other potential opportunities for South Park AIA Study improving the capacity, safety and visual appearance of the corridor were noted RTA Streetcar Study for use in the next steps of the study.

Stewart Street Design Plan

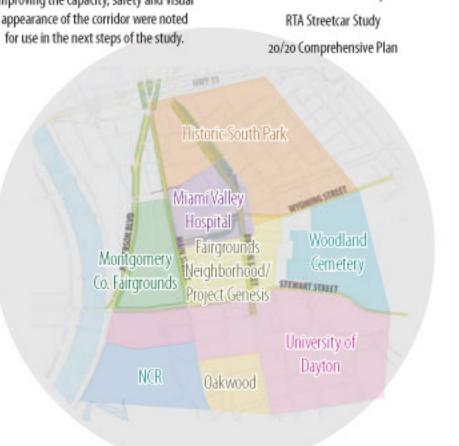
· Enhance Transit Use

Integrate Streetcar/Trolley

Hospital Expansions, Fairgrounds

reconfiguration) on Traffic Movement

 Improve East/West Accessibility via Stewart and Wyoming Streets Isolate Inappropriate Traffic from



GRESHAM

PROJECT TYPE OBJECTIVE 1 - STREET FUNCTION, TRAFFIC ASSIGNMENTS, CAPACITY AND CLARITY Brown Street Plan: North of Stewart sss sssss - - - -Short-Term Brown Street Plan: South of Stewart Short-Term Mid-Term Brown Street Plan: Two-Way "Great Divide" \$\$ \$\$\$ \$\$\$\$\$ Brown Street Plan: Parking Study Short-Term COST LEGEND Main Street Thoroughfare Plan Mid-Term - - -\$:<\$15,000 \$\$:\$15,000-\$50,000 Patterson Boulevard Thoroughfare Plan \$\$\$:\$50,000-\$150,000 Stewart Street: East of Brown Street - - - - \$ \$ Short-Term \$\$\$\$:\$150,000-\$300,000 \$\$\$\$\$:>\$300,000 Stewart Street: Realignment at Brown Street sss sssss Wyoming Realignment s ss sss ssss - s s Long-Term PRIORITY LEGEND OBJECTIVE 2 - VISUAL CHARACTER BY CORRIDOR Short-Term: 0 -2 Years sss sssss - - - -Short-Term Brown Street Pedestrian Plan Mid-Term: 2 Years - 5 Years Patterson Boulevard Gateway Plan Short-Term \$\$\$ \$\$\$\$\$ Long-Term: More Than 5 Years Short-Term Main Street Gateway Plan sss sssss - - - -Stewart Street Design Plan Short-Term \$\$\$ \$\$\$\$\$ OBJECTIVE 3 - INTEGRATED MULTI-MODAL TRANSPORTATION IN THE PLANNING AREA Brown/Warren Street Corridor Short-Term Pedestrian Enhancements Integrate Regional and Local Bike Route Short-Term and Address Physical Requirements Short-Term Enhance Transit Use - - \$\$ \$\$\$ - - -

Recommendations and Cost

BICYCLE FACILITIES

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The MVRPC identified a potential network of corridors where new bicycle facilities could be added to enhance cyclist safety and accommodation. Approximately 100 specific projects were identified as "high priority" including rehabilitation of the U.S. 35 bicycle/pedestrian bridge between downtown Dayton and South Park. 20 "high priority" projects were selected as "Top-Priority" projects including the construction of the "SE Corridor" Trail between Kettering and downtown Dayton that extends through the Rubicon area.

The proposed bicycle facility recommendations build on the MVRPC facilities associated with the SE Corridor Trail with an added emphasis on connecting the network to the river.

Proposed dedicated bike lanes on Brown/Warren Street and Stewart Street(in-corridor facilities) will: Serve to establish north-south and east-west links for commuter bike travel

 Be used by "A" cyclists and confident "B" cyclists Serve as traffic calming devices effectively reducing travel speeds and improving conditions for the pedestrian

The off-street facilities proposed will: Serve as an alternative route for "B" and "C" cyclists Create a network that would promote bicycle travel by less experienced riders Help reduce vehicular trips, particularly those of 3 miles or less

"A" CYCLIST Experienced rider, may ride to commute; is comfortable on the roadway and understands traffic rules. Would most likely use "in-corridor" facilities (dedicated bike lanes).

of traffic rules. Would likely use both "in-corridor" and "off-

street" facilities depending on experience and comfort level.

"B" CYCLIST Less experienced rider, often biking for recreation or shorter trips; may not be comfortable riding with traffic; has some understanding

"C" CYCLIST Child rider. Least experienced, may have no understanding of traffic rules. Would likely use "off-street" facilities except for local streets and/or accompanied by a more experienced rider.